

First Named Component Leaching Index Values for CRP
Anchorage Area, Alaska: Detailed Soil Map Legend (initial)

(see footnotes at end of table)

Map Symbol	Component Name	Map Unit Name	Drained Index	Undrained Index
400	Anchorpark	Anchorpark loamy very fine sand, 30 to 85 percent slopes		2
402	Clam Gulch	Clam Gulch silt loam, 0 to 7 percent slopes		1
403	Clam Gulch	Clam Gulch-Doroshin-Jacobsen complex, 0 to 15 percent slopes		1
408	Deception	Deception-Cryorthents complex, 45 to 90 percent slopes		2
409	Deception	Deception-Disappear complex, undulating and hilly		2
410	Deception	Deception-Estelle-Kichatna complex, 0 to 7 percent slopes		2
411	Deception	Deception-Estelle-Kichatna complex, 12 to 20 percent slopes		2
412	Deception	Deception-Estelle-Kichatna complex, 20 to 45 percent slopes		2
413	Deception	Deception-Estelle-Kichatna complex, 45 to 85 percent slopes		2
414	Deception	Deception-Estelle-Kichatna complex, undulating and hilly		2
415	Deception	Deception-Estelle-Kichatna complex, undulating and steep		2
416	Disappear	Disappear-Pioneer Peak complex, 0 to 7 percent slopes		1
417	Doroshin	Doroshin peat, 0 to 7 percent slopes		1
419	Eklutna	Eklutna very cobbly sand, 0 to 3 percent slopes		2
422	Hurdygurdy	Histic Cryaquepts-Hurdygurdy association, 3 to 25 percent slopes		2
423	Hurdygurdy	Hurdygurdy-Siwash-Rock outcrop association, 10 to 70 percent slopes		2
424	Icknuun	Icknuun peat, 0 to 3 percent slopes		1
425	Jacobsen	Jacobsen-Disappear-Doroshin complex, 0 to 3 percent slopes		1
426	Jacobsen	Jacobsen-Disappear-Doroshin complex, 3 to 7 percent slopes		1
427	Jacobsen	Jacobsen-Disappear-Doroshin complex, 7 to 12 percent slopes		1
428	Kashwitna	Kashwitna-Kichatna complex, 0 to 3 percent slopes		2
429	Kashwitna	Kashwitna-Kichatna complex, 12 to 20 percent slopes		2
430	Kashwitna	Kashwitna-Kichatna complex, 30 to 85 percent slopes		2
431	Kashwitna	Kashwitna-Kichatna complex, undulating		2
432	Kashwitna	Kashwitna-Kichatna complex, undulating and hilly		2
433	Kashwitna	Kashwitna-Kichatna complex, undulating and steep		2
434	Kichatna	Kichatna-Pioneer Peak-Jacobsen complex, 0 to 15 percent slopes		2
435	Matsu	Matsu silt loam, 0 to 3 percent slopes		1
436	Matsu	Matsu silt loam, 3 to 7 percent slopes		1
437	Moose River	Moose River-Niklason complex, frequently flooded, 0 to 3 percent slopes		1
438	Moose River	Moose River-Niklason complex, occasionally flooded, 0 to 3 percent slopes		1
439	Nakochna	Nakochna-Rock outcrop association, 20 to 85 percent slopes		1
440	Pioneer Peak	Pioneer Peak silt loam, 0 to 3 percent slopes		1
441	Pioneer Peak	Pioneer Peak silt loam, 3 to 7 percent slopes		1
442	Pioneer Peak	Pioneer Peak-Jacobsen-Doroshin complex, 12 to 20 percent slopes		1

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Anchorage Area, Alaska: Detailed Soil Map Legend (initial)

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Map Symbol	Component Name	Map Unit Name	Drained Index	Undrained Index
444	Niklavar	Riverwash and Niklavar soils, 0 to 2 percent slopes		1
446	Salamatof	Salamatof peat, 0 to 3 percent slopes		1
447	Smithfha	Smithfha loamy very fine sand, 0 to 3 percent slopes		2
448	Smithfha	Smithfha loamy very fine sand, 3 to 7 percent slopes		2
449	Smithfha	Smithfha loamy very fine sand, 30 to 45 percent slopes		2
450	Smithfha	Smithfha loamy very fine sand, undulating and steep		2
451	Smithfha	Smithfha-Anchorage complex, undulating and hilly		2
452	Susitna	Susitna silt loam, 0 to 2 percent slopes		2
453	Susivar	Susivar and Niklavar fine sandy loams		1
454	Susivar	Susivar-Moose River complex, 0 to 2 percent slopes		1
455	Talkeetna	Talkeetna-Chugach-Deneka complex, 12 to 20 percent slopes		2
456	Talkeetna	Talkeetna-Chugach-Deneka complex, 20 to 45 percent slopes		2
457	Talkeetna	Talkeetna-Chugach-Deneka complex, 45 to 85 percent slopes		2
458	Talkeetna	Talkeetna-Chugach-Deneka complex, undulating and hilly		2
459	Talkeetna	Talkeetna-Chugach-Histic Cryaquepts association, 10 to 70 percent slopes		2
460	Talkeetna	Talkeetna-Chugach-Histic Cryaquepts association, cool, 10 to 70 percent slopes		2
461	Talkeetna	Talkeetna-Deneka-Rock outcrop complex, 30 to 85 percent slopes		2
465	Whitsol	Whitsol silt loam, 0 to 3 percent slopes		2
466	Whitsol	Whitsol silt loam, 3 to 7 percent slopes		2
467	Whitsol	Whitsol silt loam, 7 to 12 percent slopes		2
468	Whitsol	Whitsol silt loam, 12 to 20 percent slopes		2
469	Whitsol	Whitsol silt loam, 20 to 45 percent slopes		2

This report produces Leaching Index Values (1, 2 and 3) suitable for use as described in Part 539.58 - National Ranking Factor N2, Subfactor B in the CRP Manual. The index information presented in the report is based on data from the first named component of the soil map unit.

The values 1, 2 and 3 are derived by using the same algorithms included in the SOIL PESTICIDE INTERACTION SCREENING PROCEDURE II, Goss and Wauchope, November, 1990. These algorithms produce the leaching values 1, 2, 3 and 4 but this report reverses the order of meaning and combines values 3 and 4. Thus, this report, as required by CRP rules correctly reports 1 as low, 2 as medium, and 3 as high. These values are ready for use in determining sign-up scores for National ranking subfactor N2 without further code conversion.

Weighted Average Leaching Index Values for CRP
Anchorage Area, Alaska: Detailed Soil Map Legend (initial)

(see footnotes at end of table)

Map Symbol	Map Unit Name	Drained Index	Undrained Index
400	Anchorpark loamy very fine sand, 30 to 85 percent slopes		2
402	Clam Gulch silt loam, 0 to 7 percent slopes		1
403	Clam Gulch-Doroshin-Jacobsen complex, 0 to 15 percent slopes		1
408	Deception-Cryorthents complex, 45 to 90 percent slopes		2
409	Deception-Disappear complex, undulating and hilly		2
410	Deception-Estelle-Kichatna complex, 0 to 7 percent slopes		2
411	Deception-Estelle-Kichatna complex, 12 to 20 percent slopes		2
412	Deception-Estelle-Kichatna complex, 20 to 45 percent slopes		2
413	Deception-Estelle-Kichatna complex, 45 to 85 percent slopes		2
414	Deception-Estelle-Kichatna complex, undulating and hilly		2
415	Deception-Estelle-Kichatna complex, undulating and steep		2
416	Disappear-Pioneer Peak complex, 0 to 7 percent slopes		1
417	Doroshin peat, 0 to 7 percent slopes		1
419	Eklutna very cobbly sand, 0 to 3 percent slopes		2
422	Histic Cryaquepts-Hurdygurdy association, 3 to 25 percent slopes		2
423	Hurdygurdy-Siwash-Rock outcrop association, 10 to 70 percent slopes		2
424	Icknuun peat, 0 to 3 percent slopes		1
425	Jacobsen-Disappear-Doroshin complex, 0 to 3 percent slopes		1
426	Jacobsen-Disappear-Doroshin complex, 3 to 7 percent slopes		1
427	Jacobsen-Disappear-Doroshin complex, 7 to 12 percent slopes		1
428	Kashwitna-Kichatna complex, 0 to 3 percent slopes		2
429	Kashwitna-Kichatna complex, 12 to 20 percent slopes		2
430	Kashwitna-Kichatna complex, 30 to 85 percent slopes		2
431	Kashwitna-Kichatna complex, undulating		2
432	Kashwitna-Kichatna complex, undulating and hilly		2
433	Kashwitna-Kichatna complex, undulating and steep		2
434	Kichatna-Pioneer Peak-Jacobsen complex, 0 to 15 percent slopes		2
435	Matsu silt loam, 0 to 3 percent slopes		1
436	Matsu silt loam, 3 to 7 percent slopes		1
437	Moose River-Niklason complex, frequently flooded, 0 to 3 percent slopes		1
438	Moose River-Niklason complex, occasionally flooded, 0 to 3 percent slopes		1
439	Nakochna-Rock outcrop association, 20 to 85 percent slopes		1
440	Pioneer Peak silt loam, 0 to 3 percent slopes		1
441	Pioneer Peak silt loam, 3 to 7 percent slopes		1
442	Pioneer Peak-Jacobsen-Doroshin complex, 12 to 20 percent slopes		1
444	Riverwash and Niklavar soils, 0 to 2 percent slopes		1
446	Salamatof peat, 0 to 3 percent slopes		1
447	Smithfha loamy very fine sand, 0 to 3 percent slopes		2
448	Smithfha loamy very fine sand, 3 to 7 percent slopes		2
449	Smithfha loamy very fine sand, 30 to 45 percent slopes		2
450	Smithfha loamy very fine sand, undulating and steep		2
451	Smithfha-Anchorpark complex, undulating and hilly		2
452	Susitna silt loam, 0 to 2 percent slopes		2
453	Susivar and Niklavar fine sandy loams		1
454	Susivar-Moose River complex, 0 to 2 percent slopes		1
455	Talkeetna-Chugach-Deneka complex, 12 to 20 percent slopes		2
456	Talkeetna-Chugach-Deneka complex, 20 to 45 percent slopes		2
457	Talkeetna-Chugach-Deneka complex, 45 to 85 percent slopes		2
458	Talkeetna-Chugach-Deneka complex, undulating and hilly		2
459	Talkeetna-Chugach-Histic Cryaquepts association, 10 to 70 percent slopes		2

Weighted Average Leaching Index Values for CRP
Anchorage Area, Alaska: Detailed Soil Map Legend (initial)

(see footnotes at end of table)

Map Symbol	Map Unit Name	Drained Index	Undrained Index
460	Talkeetna-Chugach-Histic Cryaquepts association, cool, 10 to 70 percent slopes		2
461	Talkeetna-Deneka-Rock outcrop complex, 30 to 85 percent slopes		2
465	Whitsol silt loam, 0 to 3 percent slopes		2
466	Whitsol silt loam, 3 to 7 percent slopes		2
467	Whitsol silt loam, 7 to 12 percent slopes		2
468	Whitsol silt loam, 12 to 20 percent slopes		2
469	Whitsol silt loam, 20 to 45 percent slopes		2

This report produces Leaching Index Values (1, 2 and 3) suitable for use as described in Part 539.58 - National Ranking Factor N2, Subfactor B in the CRP Manual. The index information presented in the report is a weighted average of the component indexes by the map unit component percent composition.

The values 1, 2 and 3 are derived by using the same algorithms included in the SOIL PESTICIDE INTERACTION SCREENING PROCEDURE II, Goss and Wauchope, November, 1990. These algorithms produce the leaching values 1, 2, 3 and 4 but this report reverses the order of meaning and combines values 3 and 4. Thus, this report, as required by CRP rules correctly reports 1 as low, 2 as medium, and 3 as high. These values are ready for use in determining signup scores for National ranking subfactor N2 without further code conversion.